Debris Flow Event Log
Date: February 18 2006 Debris Flow (Burbank, CA Airport)
Note taker: Jorgensen

	Event
1800	Powered up SR2, leveled truck. Took 6 or 7 tries to get the Nav computer booted.
	It would died just after starting the Windsow 2000 boot screen. Antenna is very
	quite and smooth today after being somewhat noisy and jumpy at Thursday's
	press briefing in San Diego
1825	Data collection begun. Line of weak N-S echoes ~40 km to west. Skes broken at
	site.
1830	NWS expects convective storms this afternoon/evening with frontal passage.
	Flash flood and debris flow watches out for burn areas.
1901	Line of echoes now 20 km to the west moving eastward
1918	Line nearly on top of site now. Skies have darkened considerably. Vertical scan
	now shows echo.
1928	Weak echo over burn area – echo line is weakening as it moves eastward – no
	precip at site
1933	Single cell a few km n of site has max dbZ to 55 on upper tilts >6 deg
1935	A few raindrops at site
1938	About 40 dbz rain on burn area now
1943	Light rain at site
1959	Rain has stopped at the site and the remnants of the convective line are
	dissipating over the burn area
2005	Sun has come out at the site
2027	No significant echoes within 100 km or so on the low level scans
2046	Releveled truck slightly
2148	Only small weak cellular echoes are over the burn area
2156	According to the ALERT gages 0.1 inch has fallen here in the last 6 hrs
2242	Another weak line to the west is developing at 60-75 km
2314	Weak line dissipating
2345	Scattered light cells to from the S to the WNW at 50 km
2358	Light echoes (30-35 dbz) over the burn area
0101	Large mass of echo around 30 dbz appearing near 100 km to the W
0117	Mass of precip to W must be rather shallow, the 4 deg tilt overshoots it
0203	Mass of echo to west coming closer, but max dbz still only 30 or so
0229	Mass of echoes to W has a few cells to 40 dbz, moving eastward, now only about
	20 km from site
0234	Weak echo overhead on 90 deg scan
0301	Echo mass to W has weakened, no cells above 35 dbz as it moves east, leading
	edge is nearly over the site. SOX radar shows no echoes over about 35 dbz.
0316	Mass of echo seems to break at our latitude, strongest mass going South of burn
	area
0406	Light spotty echoes – no apparent organization. Oxnard AFD indicated on their 9
	PM advisory that the flash flood watch would expire at 7 AM

0431	Heavier showers with max dbz to 45 to the SW 30 km
0502	A rough N/S line of echo to 40-45 dbz about 15 km to the west
0524	Light rain at site, echo mass now over site
0612	Rain has ceased at site – echo mass has moved off to East
0658	More echo mass with dbz to 45 now west 10-25 km
0801	Echo mass dissipating – light rain at site
0930	Echoes have all but disappeared except to the far SE
1132	Blank screen – no echoes – Oxnard NWS still has flash flood & debris flow
	watch out, so will continue to collect data till watch expires at 7 AM
1135	In the last 6 hrs the BUR Alert gage recorded only 0.04 inches of precip
1219	N-S line of echoes now appearing at 60 km to the west
1301	Echo line now about 45 km to the west – strongest cells, however, are south of
	burn area – max deb to 50-55
1414	Line now 15-20 to the west
1430	Light rain beginning at site
1503	Heavy rain at site – line overhead
1520	Rain ended – line moving off to East
1550	Releveled truck – passenger side back lift had sank about 0.2 deg during the night
1610	Beginning to back up data to the laptop
1620	Sun now coming out – precip mostly has moved to the east – a few lingering
	showers still over burn area
1645	Terminating data collection – echoes have cleared area – sun is out and the skies
	over the burn area are partly cloudy – 269 volume scans collected
1730	As of 9 AM PST this morning Burbank Alert gage received 0.23 inches of precip,
	Van Nuys 0.36, and Opid Camp in the mountains 0.67 inches – not a great debris
	flow case

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